SITE	Redwood City Glbson Oil	LATITUDE:	37-31'
HAZARD:	Facility	LONGITUDE: 122-12'	122-12'
VOLUME:	2,000 bbl		
DURATION:	3 days		

TRAJECTORY ANALYSIS

of the oil spill by physical processes such as gravity, surface tension, and tidal dispersion trajectory analysis considered oil transport by the wind and tidal currents, and spreading A spill trajectory envelope was calculated for one facility located on the western shore of south San Francisco Bay in Redwood City. The trajectory analysis predicted the movement and spreading of a spill released into the water from the shoreline facility. The

Golden Gate over 3 days. Spreading and tidal dispersion would also be expected to carry the spill through the period. A spill during the ebbing tide would be transported by tidal action approximately the spill southward to the southern shore of San Francisco Bay within the 3-day time Spill transport on a flood tide combined with spreading and northerly winds could carry be expected to carry the spill as far north as Richmond during the 3-day time period. physical spreading and by wind drift during southerly winds. These two processes would 2 miles north of the San Mateo Bridge. Further movement to the north would occur by

and wind and assume pessimistic dispersion and other adverse weather conditions. These trajectory envelopes do not represent the trajectory of any one spill. A full discussion of the details used for oil in the event of any spill. The envelopes are based on regional extremes of climate, tide, current preparing these spill envelopes is provided in Section 202.2. These spill trajectory envelopes represent the outer perimeter of shoreside areas that could receive